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SSN2171: Personal Psychology 20

The Body and Behaviour

Assignment Booklet 5

FOR STUDENT USE ONLY

(If label is missing or incorrect)

Date Assignment Submitted: _____

File Number: _____

Time Spent on Assignment: _____

Lesson Number: _____

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Batch Number: _____

Assigned Teacher: _____

Graded By: _____

Grading: _____

Date Lesson Received:

Student's Questions and Comments

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Summary

	Total Possible Marks	Your Marks
(S)3 Lesson 1 Assignment 1	15	
(S)3 Lesson 1 Assignment 2	40	
(S)3 Lesson 1 Assignment 3	40	
(S)3 Lesson 1 Assignment 4	5	
TOTAL	100	

Teacher's Comments:

_____

Teacher

R0203

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- Are all the assignments completed? If not, explain why.
- Has your work been reread to ensure accuracy in spelling and details?
- Is the booklet cover filled out and the correct course label attached?

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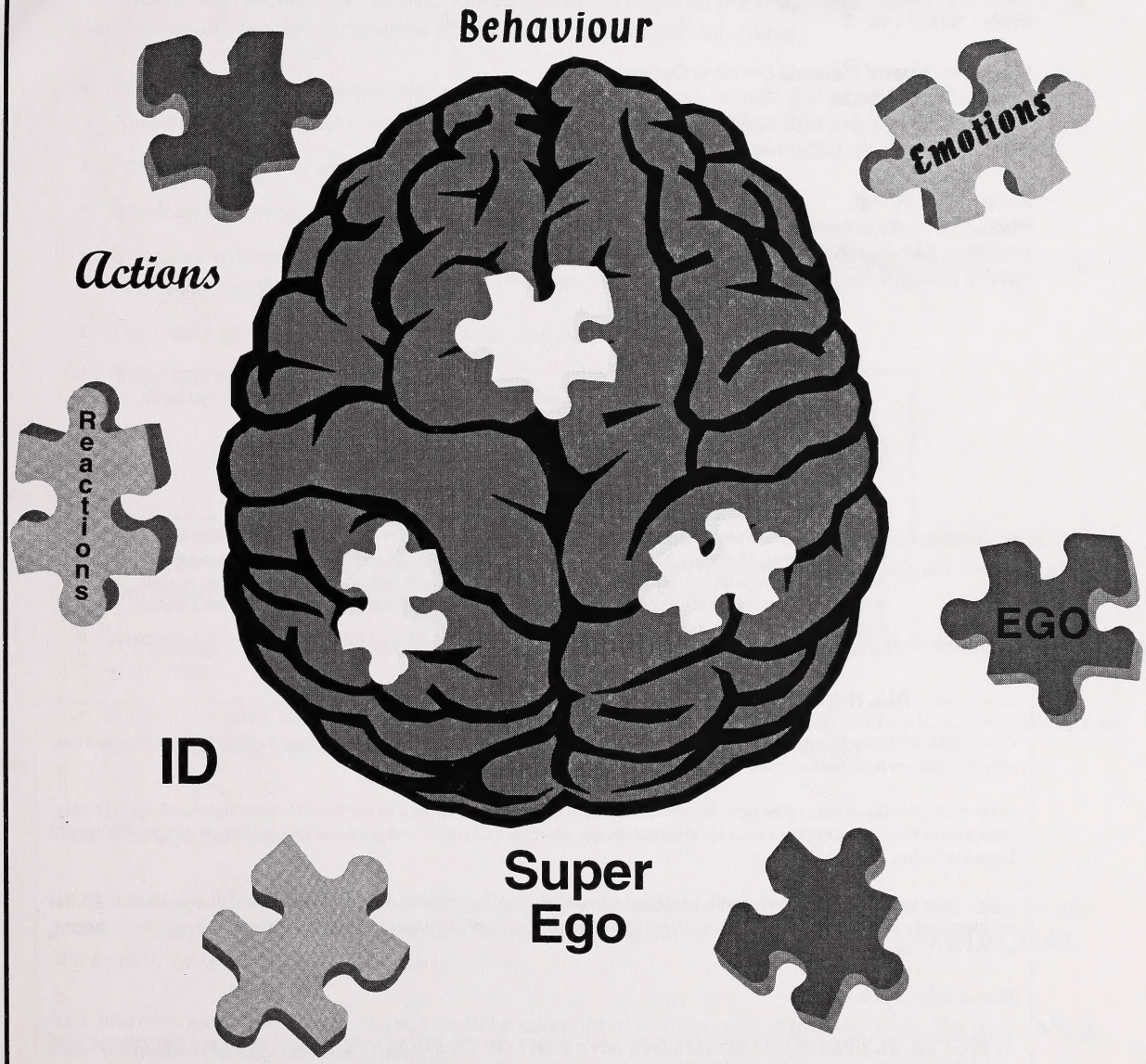
PERSONAL PSYCHOLOGY 20



ASSIGNMENT BOOKLET 5

Personal Psychology 20
Assignment Booklet Five
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Personal Psychology 20

Assignment Booklet 5

Advice:

Your mark for this module will be determined by your success on the assignments in this booklet. Your answers give your teacher indications of your understanding of the course.

- Before attempting to answer the assigned questions, please be sure you have read all the relevant course material and have completed the self-correcting activities in the module booklet.
- Proceed **slowly** and **carefully** through the assignments.
- If you encounter difficulties, review the pertinent section notes.
- If you are still having problems, please contact the course teacher at the Alberta Distance Learning Centre for assistance.
- The marks possible for each individual exercise is indicated.
- Good luck in your studies!

Warning:

- Failure to complete all questions and/or poor responses due to obvious lack of effort may result in your teacher returning the assignment booklet marked "incomplete". No grading will be awarded until such exercises are completed to the teacher's satisfaction.
- Discussing various aspects of the course with others is encouraged, but all work submitted should be your own.
- If there is a large discrepancy between the assignment score and the final exam score, the teacher has the discretion to assign a final mark based solely on the examination results.

Our Pledge to You:

Everyone at the Alberta Distance Learning Centre is committed to helping you achieve your educational goals. We happily assist students who are sincere in their desire to learn. We may be reached by phone, fax, e-mail, voice mail, postal mail, or in person.

Any journey consists of single steps; you have taken another by enrolling in this course. We want to help you successfully reach your destination.

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Section 5 Lesson 1: Heredity and the Environment

Assignment 1: Review of Terms

Value 15

Match the following terms and definitions by placing the letter of each term in the space beside its correct definition.

a.	genes	e.	dominant	i.	genotype	m.	tabula rasa
b.	chromosomes	f.	DNA	j.	hybrid	n.	prenatal
c.	genetics	g.	RNA	k.	eugenics	o.	social environment
d.	recessive	h.	phenotype	l.	maturation		

_____ 1. the study of heredity

_____ 2. a chemical substance which controls every activity of the cell in which it exists

_____ 3. before birth

_____ 4. long threadlike structures of nucleic acids which are contained in the nuclei of cells

_____ 5. belief children are born a blank state

_____ 6. a chemical substance which controls protein synthesis in the cytoplasm of each cell; is manufactured in the nucleus

_____ 7. submicroscopic structures that determine the timing of growth and development of that organism; part of a DNA molecule

_____ 8. a mixture of two pure genetic strains

_____ 9. the process of physical growth and development of an organism over a period of time

_____ 10. that which dominates

_____ 11. a biological characteristic that an individual is capable of transmitting to his or her offspring

_____ 12. that which is dominated

_____ 13. the characteristic that actually appears in the individual

_____ 14. the study of improvement of the hereditary qualities of a species

_____ 15. includes all the human beings who in anyway influence us

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Assignment 2: Genetics

Value 5

1. A King divorced his wife because she gave birth to girls only and didn't give him the boy he wanted.

   This King obviously didn't understand the laws of genetics. Use your knowledge of genetics to explain the fallacy of his belief.

   _____

   _____

   _____

   _____

   _____

   _____

   _____

   _____

2. Explain dominant and recessive genes in your own words and then give an example of each.

Value 3

a. dominant gene: _____

_____

_____

_____

_____

_____

_____

Value 3

b. recessive gene: _____

_____

_____

_____

_____

_____

_____

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Value 5

3. "I sure wish my dad hadn't given me his big ears."

Again, using your knowledge of genetics, explain why this statement is not accurate.

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

Value 8

4. Which of the following people are genetically related to you? Explain your reason for making each choice.

a. your mother's sister
b. your stepfather
c. your brother's son
d. your son's wife
e. your daughter's adopted son
f. your father's mother
g. your cousin

_____

_____

_____

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_____

_____

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Value 6

5. If you suspected you were the carrier of some genetic abnormality, would you have children? Give reasons for your answer.

Value 10

6. Do you personally approve or disapprove of the practice of eugenics? In other words, do you think that restrictions should be put on who should be allowed to reproduce? Explain your answer.

Assignment 3: Genetics and heredity

Value 20

1. Write one paragraph describing **five** behaviours or traits you have that you believe you inherited from your relatives (genetic traits). Describe how the trait runs in the family and why you believe it is genetic. Write another paragraph describing **five** behaviours or traits you have learned from the environment. Explain why you believe these traits or behaviours are not inherited and when you learned them. For example, you may have blue eyes and you believe this is an inherited trait because your mom, dad, and sister also have blue eyes. You may like hockey and you believe you learned this behaviour from the environment because you and your grandpa always watched hockey games on television, and he taught you about the game.

   You will be marked as follows:

   - 1 mark for every trait/behaviour you list (for a total of 10 marks).
   - 1 mark for a valid reason why you believe the trait/behaviour is either genetic or formed by the environment (for a total of 10 marks).

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Value 8

2. How would you be different if your past and present environments were different? Give specific details and examples.

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Value 12

3. List **three** points where you believe Watson acted unethically with his Baby Albert experiments (think of setting standards for experimentation, after effects on the subject, experimenter responsibility, parental consent, or anything else you may think of). Explain why you believe Watson was unethical in regards to each of your chosen points. You will be marked as follows:

   - 2 marks for each point you list (for a total of 6 marks).
   - 2 marks for each appropriate explanation given (for a total of 6 marks).

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Assignment 4: Summary

Value 5

Multiple-choice questions. Place the letter of the answer that **BEST** suits the question in the blank provided You will receive one mark for every correct answer.

_____ 1. The maturation theory states

a. a child's 'rubber-band' determines how smart he/she will be
b. the environment must be right for a child to acquire certain skills
c. critical periods must be met for children to acquire certain behaviours
d. children will acquire skills without intervention from the environment

_____ 2. The rubber-band hypothesis attempts to explain...

a. how tall people will grow
b. genetic factors affecting potential
c. environmental factors affecting potential
d. both genetic and environmental factors affecting potential

_____ 3. The XYY genetic abnormality...

a. is the cause of criminal behaviour
b. has no correlation to criminal behaviour
c. is correlated to increased testosterone in males
d. is correlated with a man's potential to grow tall

_____ 4. An interactionist view of behaviour

a. states genetics is the sole cause of all behaviour
b. states *tabula rasa* is the sole cause of all behaviour
c. states environment is the sole cause of all behaviour
d. states both genetics and environment contribute to behaviour

_____ 5. The main idea behind nativism is

a. children are blank slates
b. children must acquire certain behaviours during critical periods
c. children are born innocent and the environment makes them bad
d. children are born 'noble savages' and need the environment to civilize them

END OF ASSIGNMENT BOOKLET 5

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